

Appl. No. 10/609,984
Amdt. dated December 22, 2005
Reply to Office action of September 28, 2005

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A communications system, comprising:
a telephone;
a data network;
a telephone network system;
an interface unit coupled to the telephone and the telephone network system;
a device coupled to the data network and the telephone network system;
and
a communications routine executable in the device to control communications of voice data between the telephone and the data network; ~~and~~
~~a speech recognition routine executable in the device to interpret voice commands received from the telephone and to perform actions associated with said voice commands wherein the interface unit is configured to modulate a first radio frequency (RF) carrier that comprises voice data that originates from the telephone, and to demodulate a second RF carrier that comprises voice data that is sent to the telephone; and~~
wherein the first RF carrier is transmitted by the interface unit across the telephone network system to the device without signaling an off-hook indication on the telephone network system.
2. (Original) The communications system of claim 1, wherein the data network is an Internet protocol network.
3. (Original) The communications system of claim 1, further comprising a remote system coupled to the data network, the remote system adapted to receive voice data over the data network from the communications routine.

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4. (Original) The communications system of claim 3, wherein the remote system is adapted to further transmit voice data over the data network to the telephone.

5. (Cancelled).

6. (Cancelled).

7. (Cancelled).

8. (Currently amended) The communications system of claim 1, wherein ~~the communications routine is executable to receive a voice command from a user through the telephone to place a telephone call over the data network~~ further comprising a speech recognition routine executable in the device to interpret a voice command received from the telephone and to perform actions associated with said voice command.

9. (Original) The communications system of claim 1, wherein the communications routine is executable to receive a remote phone call over the data network.

10. (Original) The communications system of claim 1, wherein the device includes layers to transfer voice data to and from the data network.

11. (Currently amended) The communications system of claim 1, further comprising a telephone network and at least another telephone, ~~the telephones at least another telephone and the interface unit both~~ coupled to the telephone network.

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12. (Currently amended) A system for connection to a data network, comprising:

an interface circuit capable of being coupled to a telephone network having a telephone; and

a controller adapted to communicate voice data between the telephone and the data network ~~and to receive a voice command from the telephone and to respond to the voice command;~~

wherein the interface circuit is configured to modulate a first radio frequency (RF) carrier using voice data originating from the telephone, and to demodulate a second RF carrier to produce voice data sent to the telephone; and

wherein the first RF carrier is transmitted by the interface circuit across the telephone network to the controller without signaling an off-hook indication on the telephone network.

13. (Cancelled).

14. (Original) The system of claim 12, wherein the controller is adapted to perform voice communication with a remote system over the data network.

15. (Cancelled).

16. (Original) The system of claim 12, wherein the controller is adapted to receive a telephone call over the data network.

17. (Currently amended) The system of claim 12, wherein the controller is adapted to convert **[[to]]** voice data into an Internet protocol format for sending over the data network.

18. (Original) The system of claim 12, wherein the controller includes software.

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19. (Currently amended) A method of placing network telephone calls, the method comprising:

establishing a connection with a data network;

receiving voice data from a telephone, ~~said voice data contains voice commands;~~

modulating a radio frequency (RF) carrier using the received voice data;

transmitting the RF carrier across a telephone network without signaling an off-hook condition on the telephone network;

extracting the voice data from the modulated RF carrier; and

~~interpreting the voice commands from the telephone; and~~

transferring the extracted voice data from the telephone to the data network.

20. (Currently amended) The method of claim 19, wherein transferring the extracted voice data includes transferring the extracted voice data over an Internet protocol data network.

21. (Original) The method of claim 19, wherein receiving the voice data includes receiving the voice data over a telephone line from the telephone.

22. (Original) The method of claim 19, further comprising receiving a telephone call over the data network.

23. (Original) The method of claim 22, further comprising issuing an indication to activate a notification that a telephone call has been received.

24. (Original) The method of claim 23, further comprising activating a ringer associated with the telephone.

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25. (Currently amended) ~~A system~~ An apparatus for communicating with a data network, comprising:

~~— a telephone line;~~

~~a telephone interface configured to communicate with a telephone, coupled to the telephone line; and to communicate over a telephone line with~~

~~— a device controller adapted to receive voice from the telephone line and including a controller adapted to communicate capable of communicating voice data between the telephone and the data network and to interpret voice commands received from the telephone;~~

~~wherein the controller is configured to modulate a first radio frequency (RF) carrier that comprises voice data that originates from the telephone, and to demodulate a second RF carrier that comprises voice data that is sent to the telephone; and~~

~~wherein the first RF carrier is transmitted by the interface unit across the telephone line without signaling an off-hook indication on the telephone line.~~

26. (Currently amended) The ~~system~~ apparatus of claim 25, wherein the controller is further adapted to perform a POTS telephone call on the telephone line concurrently with communicating voice data between the telephone and the data network.

27. (Currently amended) The ~~system~~ apparatus of claim 26, wherein voice data associated with POTS telephone call is different from voice data associated with the communication between the telephone and data network.

28. (Currently amended) The ~~system~~ apparatus of claim 26 further comprising ~~an interface circuit coupled to the device, the interface circuit including a first unit adapted wherein the telephone interface is further configured to receive a carrier signal on the telephone line carrying the voice data, and a second unit adapted to receive a baseband signal over the telephone line.~~

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29. (Cancelled).

30. (New) The system of claim 12, wherein the controller is further adapted to receive a voice command from the telephone and to respond to the voice command.

31. (New) The method of claim 19, further comprising interpreting a voice command from the telephone, wherein the received voice data comprises the voice command.

32. (New) The system of claim 25, wherein the device is further adapted to interpret voice commands from the telephone.